

01241.000014

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YOSHIYUKI SAKAKI) Examiner: Lisa Bennett Arthur
Application No.: 09/581,478) Group Art Unit: 1634
Filed: June 14, 2000)
For: HUMAN Nap1PROTEIN) October 15, 2002

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

STATEMENT UNDER 37 C.F.R. § 1.97(e)

Each item of information in this information disclosure statement was first

10/29/2002 RHARMON: 00000007-09581478
01 FC:1806 180.00 OP
Cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing date of this Statement.

We also enclose a check for the required fee of \$180.00 to cover the Information Disclosure Statement under 37 C.F.R. 1.97(d)(2).

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CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


Attorney for Applicants
Lawrence S. Perry
Registration No. 31,865

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EP-Patent Application No. 98 95 9200.1
Kyowa Hakko Kogyo Co., Ltd.; Sakaki Yoshiyuki
Your Ref.: PH-603 PCT-EP
Our Ref.: E1958 EP

August 29, 2002
JAE/GUT



Dear Mr. Hiraki,

Please find enclosed the supplementary European search report which has been based on the last set of claims valid and available at the start of the search.

A copy of each of the references cited is also enclosed. Each category of the cited references is explained at the bottom of the search report.

If you wish us to comment in detail on the relevance of the documents cited in the supplementary European search report, please let us know.

Very truly yours,


Dr. Hans-Rainer Jaenichen

Enclosure
Supplementary European search report
Documents cited

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Datum/Date

23.08.02

Zeichen/Ref./Réf. E 1958 EP	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 98959200.1-2405-JP9805646
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire KYOWA HAKKO KOGYO CO., LTD., et al	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 98 95 9200

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
P, X ①	DATABASE EMBL human NAP1, 10 April 1998 (1998-04-10) OHARA O. ET AL.: "Homo sapiens nRNA for KIAA0587 protein" Database accession no. AB0011159 XP002208424 * the whole document * ---	1-12	C12N15/12 C12N15/63 C12N5/10 C12P21/02 C12P21/08 C07K14/47 C07K16/18 A61K38/17 A61K39/395 G01N33/53
X ②	DATABASE EMBL9 May 1996 (1996-05-09) KITAMURA T.: "Rat mRNA for NAP1 protein" Database accession no. D84346 XP002208425 * the whole document * ---	1-12	
X ③	DATABASE EMBL Human EST, 31 August 1995 (1995-08-31) FUJIWARA T. ET AL.: "Human fetal brain cDNA 5'-end GEN 427F09" Database accession no. D56412 XP002208426 * the whole document * ---	6,7	
X ④	DATABASE EMBL fragment of mouse NAP1, 2 October 1991 (1991-10-02) KATO K.: "M. musculus mRNA for H19 clone" Database accession no. X61453 XP002208427 * the whole document * ---	1-12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C07K C12N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search MUNICH		Date of completion of the search 1 August 2002	Examiner van Heusden, M
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04C04)



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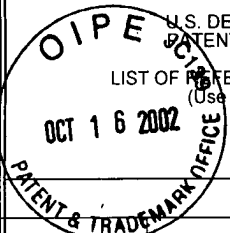
**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 98 95 9200

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
T (5)	SUZUKI TAKASHI ET AL: "Molecular cloning of a novel apoptosis-related gene, human Nap1 (NCKAP1), and its possible relation to Alzheimer disease." GENOMICS., vol. 63, no. 2, 15 January 2000 (2000-01-15), pages 246-254, XP002208423 ISSN: 0888-7543 * the whole document * -----	1-16	
			TECHNICAL FIELDS SEARCHED (Int.CI.6)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search MUNICH		Date of completion of the search 1 August 2002	Examiner van Heusden, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C04)

FORM PTO 1449 (modified) <div style="text-align: center;">  </div> U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		ATTY DOCKET NO. 1241.14 <hr/> APPLICANT Yoshiyuki Sakaki <hr/> FILING DATE June 14, 2000		APPLICATION NO. 09/581,478 <hr/> GROUP 1634		
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Ohara O., et al. "Homo sapiens nRNA for KIAA0587 Protein", 1998, Accession No. AB 0011159					
	Kitamura T. "Rat mRNA for NAP1 Protein", 1996, Accession No. XP 002208425					
	Fujiwara T., et al. "Human fetal brain cDNA 5'-end GEN 427F09", 1995, Accession No. D 56412					
	Kato, K. "M. musculus mRNA for H19 clone", 1991, Accession No. X61453					
	Suzuki Takashi, et al. "Molecular cloning of a novel apoptosis-related gene, human Nap1 (NCKAP1), and its possible relation to Alzheimer disease." GENOMICS, vol. 63, No. 2, January 15, 2000					
EXAMINER			DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1